

DESCRIPTION

The watersheds on these three islands in Santa Barbara County flow into the ‘San Miguel, Santa Rosa, and Santa Cruz Islands’ Area of Special Biological Significance (ASBS). These islands are entirely surrounded by the ASBS, which contains 274,461 acres of marine habitat, and 194 miles of coastline. This ASBS lies within the Channel Islands National Marine Sanctuary, which is managed by the National Park Service out to six miles from shore. The National Park Service manages San Miguel and Santa Rosa Islands, and the eastern 24% of Santa Cruz Island; the Nature Conservancy manages the western 76% of Santa Cruz Island.

San Miguel Island is approximately 26 miles from the mainland. Three marine protected areas (Richardson Rock, Judith Rock, and Harris Point State Marine Reserves) encompass portions of the waters to the west, south, and north of the island.

Santa Rosa Island is a diverse island of grass-covered rolling hills, steep canyons, creeks, rocky intertidal areas, and sandy beaches. The roads on this island contribute to erosion and downstream deposition of sediment, some of which may enter the ASBS through streams. The Central Coast Regional Board has issued a cleanup and abatement order to the National Park Service requiring them to develop a road management plan. Three marine protected areas (South Point, Skunk Point, and Carrington Point State Marine Reserves) encompass portions of the waters to the south, east and north of the island.

Santa Cruz Island is the largest of the northern Channel Islands. The coastline is very diverse, consisting of sheer cliffs and bluffs, beaches, and grasslands. Sheep ranching was historically practiced on this island, and areas where vegetation was depleted are still visible; erosion remains a problem. Three marine protected areas (Gull Island and Scorpion State Marine Reserves, and Painted Cave State Marine Conservation Area) encompass portions of the waters to the south, east, and north of the island.



Santa Cruz Island

(Photo courtesy Channel Islands
National Park,
<http://www.nps.gov/chis/>).

REASON FOR CCA IDENTIFICATION

This watershed flows into the ‘San Miguel, Santa Rosa, and Santa Cruz Islands’ **Area of Special Biological Significance** (ASBS), which is a State Water Quality Protection Area.

San Miguel, Santa Rosa, and Santa Cruz Islands CCA

POLLUTED RUNOFF CONDITIONS

	Top 5 Runoff Pollutants of Concern ¹					Efforts to Address Pollutants (See next page)
Selected Coastal Zone Waterbodies	<u>Sediment</u>	<u>Trash and Debris</u>	<u>Nutrients</u>	<u>Metals</u>	<u>Hydrocarbons</u>	
Unnamed Gullies ▲	▲					
Potential Sources of Pollutants in Coastal Waterbodies						
Agriculture	▲		▲			a
Forestry (Silviculture)						
Urban Areas	▲	▲	▲	▲	▲	a
➤ Road Runoff	▲			▲		a
Marinas & Boating		▲		▲	▲	a
Hydromodification						
Wetlands & Riparian Areas						
Erosion	▲					a

¹ Information on sediment, trash and debris, nutrients, metals, and hydrocarbons as pollutants of concern is from the Channel Islands National Marine Sanctuary.

MAJOR EFFORTS TO IMPLEMENT NPS MANAGEMENT MEASURES

a) Water Quality Needs Assessment	http://www.cinms.nos.noaa.gov/		
Channel Islands National Marine Sanctuary	Mike Murray	(805) 884-1464	Michael.Murray@noaa.gov
➤ A report documenting the water quality concerns, efforts and needs for the CINMS. The recommendations in this report were adopted by the CINMS Sanctuary Advisory Council at their September 2005 meeting, and Sanctuary staff will be responding to these recommendations.			

REGULATORY/PLANNING JURISDICTIONS

➤ Santa Barbara County, Project Clean Water (Santa Barbara Island)	http://www.countyofsb.org/project_cleanwater/default.htm	Rob Almy	(805) 568-3542	ralmy@co.santa-barbara.ca.us
➤ Santa Barbara County, Planning & Development Dept. (Santa Barbara Island)	http://www.countyofsb.org/plandev/default.htm	Greg Mohr	(805) 568-2080	greg@co.santa-barbara.ca.us
➤ Calif. Coastal Commission, Water Quality Unit	http://www.coastal.ca.gov/nps/npsndx.html	Ross Clark	(831) 427-4873	rclark@coastal.ca.gov
➤ Central Coast Regional Water Quality Control Board	http://www.waterboards.ca.gov/centralcoast/	Corinne Huckaby	(805) 549-3504	chuckaby@waterboards.ca.gov
➤ State Water Resources Control Board, State Water Quality Protection Areas	http://www.swrcb.ca.gov/plnspols/oplans/asbs.html	Dominic Gregorio	(916) 341-5488	dgregorio@waterboards.ca.gov
➤ California Coastal Conservancy	http://www.coastalconservancy.ca.gov/	Terri Nevins	(510) 286-4161	tnevins@scc.ca.gov
➤ Calif. Dept. of Fish & Game, Marine Region	http://www.dfg.ca.gov/	Dave Parker	(562) 342-7179	dparker@dfg.ca.gov

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➤ NOAA, Channel Islands National Marine Sanctuary	http://www.cinms.noaa.gov/	Sarah MacWilliams	(805) 966-7107	sarah.macwilliams@noaa.gov
➤ National Park Service, Channel Islands National Park	http://www.nps.gov/chis/	Dan Richards	(805) 658-5760	dan_richards@nps.gov